

ROCKBUSTER STEALTH

DATA DICTIONARY

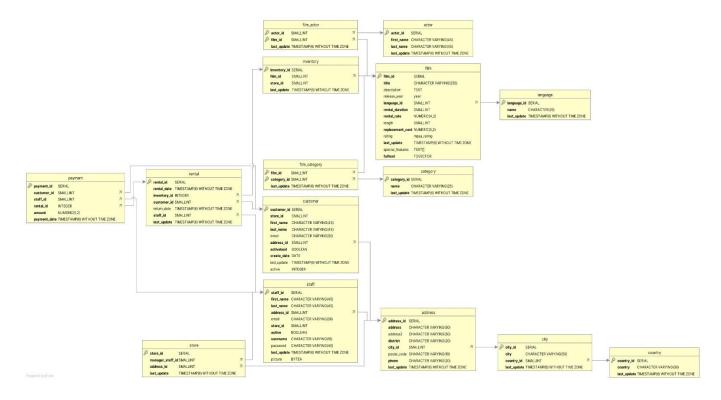


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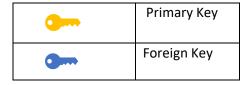
1. Entity relationship diagram:



Rockbuster database has a snowflake schema as one fact table has dimension table which further has sub dimension tables.

Ex: Payment Table \rightarrow Staff Table \rightarrow Address Table \rightarrow City Table \rightarrow Country Table

2. Legend



3. Facts Tables:

3.1 Payments Table

Column	Data Type	Description
Payment_id •	Serial	Unique Identifier of Payment
Customer_id •	Smallint	Unique Identifier of Customer
Staff_id •	Smallint	Unique Identifier of Staff

Rental_id •	Integer	Unique Identifier of Rental
Amount	Numeric(5,2)	Price of rental
Payment_date	Timestamp(6)without timezone	Date of the payment

3.2 Rental Table

Column	Data Type	Description
Rental_id •	Serial	Unique Identifier of each
Kentai_id		Rental Transaction
Pontal data	Timestamp(6)without	Date when the unit was rented
Rental_date	timezone	
Inventory_id •	Integer	Unique Identifier of Inventory
Customer_id •	Smallint	Unique Identifier of Customer
Return_date	Timestamp(6)without	Date when the unit was
	timezone	returned
Staff_id •	Smallint	Unique Identifier of Staff
Last_update	Timestamp(6)without	Date when last update was
	timezone	made

4. Dimension Table:

4.1 Customer Table

Column	Data Type	Description
Customer_id —	Serial	Unique identifier of a customer
Store_id •	Smallint	Unique identifier of a store
First_name	Character Varying(45)	First name of the customer
Last_name	Character Varying(45)	Last name of the customer
Email	Character Varying(50)	Email of the customer
Adress_id	Smallint	Adress of the customer
Activebool	Boolyan	Active or not
Create_date	Date	Date the customer was added
Last_update	Timestamp(6)without	Date and time of record last
	timezone	updated
Active	Integer	Active or not

4.2 Staff Table

Column		Data Type	Description
Staff_id	••••	Serial	Unique identifier of a staff
Store_id	•	Smallint	Unique identifier of a store
First_name		Character Varying(45)	First name of the staff
Last_name		Character Varying(45)	Last name of the staff
Email		Character Varying(50)	Email of the staff
Address_id	•	Smallint	Adress of the staff

Active	Boolyan	Active or not
User_name	Character Varying(16)	User_name of the staff
Password	Character Varying (40)	Password of the staff
Last_update	Timestamp(6)without	Date and time of record last
	timezone	updated

4.3 Store Table

Column		Data Type	Description
Store_id	••••	Serial	Unique identifier of a store
Manager_staff_id	•	Smallint	Unique identifier of the store manager
Address_id	•	Smallint	Adress of the store
Last_update		Timestamp(6)without timezone	Date and time of record last updated

4.4 Address Table

Column	Data Type	Description
Address_id	Serial	Unique identifier of an address
Address	Character Varying(50)	Adress details
Address2	Character Varying(50)	Extra address details
District	Character Varying(20)	Name of the district
City_id •	Smallint	Unique identifier of a city
Postal_code	Character Varying(10)	Postal code details
Phone	Character Varying(20)	Postal code details
Last_update	Timestamp(6)without timezone	Date and time of record last updated

4.5 City Table

Column		Data Type	Description
City_id	••••	Serial	Unique identifier of a city
City		Character Varying(50)	Name of the city
Country_id	•	Smallint	Unique identifier of a country
Last_update		Timestamp(6)without	Date and time of record last
		timezone	updated

4.6 Country Table

Column	Data Type	Description
Country_id	Serial	Unique identifier of a country
Country	Character Varying(50)	Name of the country
Last_update	Timestamp(6)without	Date and time of record last
	timezone	updated

4.7 Film_Category Table

Column		Data Type	Description
Film_id	••••• •••••••••••••••••••••••••••••••	Smallint	Unique identifier of a film
Category_id	•••• ••••	Smallint	Unique identifier of a category
Last_update		Timestamp(6)without	Date and time of record last
		timezone	updated

4.8 Category Table

Column	Data Type	Description
Category_id	Serial	Unique identifier of a category
Name	Character Varying (25)	Name of the category
Last_update	Character Varying (25)	Date and time of record last
		updated

4.9 Inventory Table

Column		Data Type	Description
Inventory id		Serial	Unique identifier of an
inventory_lu			inventory
Film_id	•	Smallint	Unique identifier of a film
Store_id	3	Smallint	Unique identifier of a store
Last_update		Timestamp(6)without	Date and time of record last
		timezone	updated

4.10 Film Table

Column	Data Type	Description
Film_id	Serial	Unique identifier of a film
Title	Character Varying(255)	Title of the movie
Description	TEXT	Description of the movie
Release_year	Year	Year that the movie came out
	Smallint	Unique identifier of the
Language_id		language
Rental_duration	Smallint	How long the movie has been
		rented
Rental_rate	Numeric(4,2)	Data of rental occurred
Length	Smallint	Duration of the movie
Replacement_cost	Numeric(5,2)	Costs to replace the rental
		movie
Rating	Mpaa_rating	Which age groups can watch
		the movie

Last_update	Timestamp(6)without	Date and time of record last
	timezone	updated
Special_features	Text[]	Special features of the movie
Fulltext	TSVECTOR	Text of the movie

4.11 Language Table

Column	Data Type	Description
Language id	Serial	Unique identifier of the
Language_iu		language
Name	Character (20)	Name of the language
Last_update	Timestamp(6)without	Date and time of record last
	timezone	updated

4.12 Film Actor Table

Column		Data Type	Description
Actor_id	••••	Smallint	Unique identifier of the actor
Film_id		Smallint	Unique identifier of the film
Last_update		Timestamp(6)without	Date and time of record last
		timezone	updated

4.13 Actor Table

Column	Data Type	Description
Actor_id	Serial	Unique identifier of the actor
First_name	Character Varying(45)	First name of the actor
Last_name	Character Varying(45)	Last name of the actor
Last_update	Timestamp(6)without	Date and time of record last
	timezone	updated